

Title (en)

ANTENNA CARRIER FOR CONNECTION TO AN AIR VEHICLE

Title (de)

ANTENNENTRÄGER ZUR VERBINDUNG AN EIN LUFTFAHRZEUG

Title (fr)

SUPPORT D'ANTENNE DESTINE A ETRE RELIE A UN AERONEF

Publication

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Application

EP 00909835 A 20000207

Priority

- SE 0000232 W 20000207
- SE 9900560 A 19990218

Abstract (en)

[origin: WO0049679A1] Antenna carrier comprising antenna elements to be connected to an air vehicle, said antenna carrier projecting from a mounting area forwards or rearwards seen in the travelling direction of the air vehicle. The antenna carrier comprises an elongate front part (3), which comprises a flexurally rigid shell (6); an elongate, pliable mounting part (2), which at its front end (11) connects to the front part (3); a front mounting point (13) via which a front part of the mounting part (2) is connected to the air vehicle; and a rear mounting point (14) via which a rear part of the mounting part (2) is connected to the air vehicle. The flexural rigidity of the shell (6) of the front part and the mounting part (2) is adjusted in such manner that the eigenfrequencies of the antenna carrier are well separated from the critical eigenfrequencies of the air vehicle.

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H01Q 1/28

IPC 8 full level

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